TALON EPOXY FOR PLASTIC
FAST CURE EPOXY REPAIR PUTTY
EPP-SPEC

PRODUCT DESCRIPTION

PRODUCT

TALON EPOXY FOR PLASTIC Epoxy Repair Putty

TYPE

TALON EPOXY FOR PLASTIC is a hand-mixable, fast setting epoxy putty. After mixing it forms a polymer compound that can be molded, wrapped around, or used to build up and repair leaking pipes, ductwork, small parts and more.

RECOMMENDED USES

TALON EPOXY FOR PLASTIC is a hand-mixable epoxy putty that quickly repairs or rebuilds anything made of plastic. Rebuild rigid and semi-flexible plastics.* Repair automotive trim, appliance parts, outdoor furniture, vinyl siding and more. Seal leaks in PVC/ABS plumbing pipe. After 2 to 3 hours, **TALON EPOXY FOR PLASTIC** can be filed, drilled, sanded and painted. **TALON EPOXY FOR PLASTIC** starts out light blue in color and becomes off-white after mixing. **TALON EPOXY FOR PLASTIC** is not intended for structural applications. Wear impermeable gloves on hands before handling or mixing **TALON EPOXY FOR PLASTIC**. For best results use damp gloved fingers for easier mixing, application and a smoother appearance of cured compound.

COLOR/CONSISTENCY

Light blue/white. Dries to a uniform off white color. Putty in cylindrical form.

DRYING TIME

TALON EPOXY FOR PLASTIC has a 20 to 25 minute work life. Functional cure occurs in 2 to 3 hours.

ENVIRONMENTAL STATEMENT

This product contains chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.

***Does not adhere to polyethylene and polypropylene. Test for adhesion prior to use.**

TEMPERATURE RANGE USE AFTER CURING

Liquids/Gases:
-40°F (-40°C) to 250°F (121°C)

PRESSURE RANGE USE

Liquids/Gases:
up to 300 PSI (43.51 kPa)

PERFORMANCE DATA

WORK LIFE: 20 to 25 minutes
SHELF STABILITY AT 75°F (24°C):
24 months minimum
SHORE D HARDNESS AT FULL CURE (24 hours): 65
LAP SHEAR TENSILE STRENGTH:
On steel (1" x 1" x 1/16") 600 lbs (4.1 Mpa)
On PVC (1" x 1" x 1/16") 350 lbs (2.5 Mpa)
COMPRESSIVE STRENGTH:
8,000 psi (55 Mpa)
DENSITY: 13.4 lb/gal, 1.6 gm/cm3
SHRINKAGE: <1%
NON-VOLATILE CONTENT: 100%
ELECTRICAL RESISTANCE:
30,000 megohms-cm
DIELECTRIC STRENGTH: 300 volts/mil
TEMPERATURE LIMITS:
Continuous -40° to 250°F (-40° to 121°C)
Intermittent -40° to 300°F (-40° to 149°C)

CHEMICAL RESISTANCE

Resistant to hydrocarbons, ketones, alcohols, esters, halocarbons, aqueous salt solutions and dilute acids and bases.

APPLICATION PRECAUTIONS

Contains Epoxy Resin and Tri (dimethyl-aminomethyl) phenol. Epoxies are skin and eye irritants/sensitizers. Direct product contact may cause an allergic reaction in some individuals. Inhalation of dust may be harmful. Ingestion of product may be harmful. Avoid skin/eye contact. Wear impermeable gloves when mixing or handling uncured product. Avoid inhalation of dust. Wear dust mask and protective eyewear when sanding cured product. Avoid ingestion. **KEEP OUT OF REACH OF CHILDREN.**

SEE SAFETY DATA SHEET (SDS) FOR COMPLETE PRECAUTIONS FOR SAFE HANDLING AND USE.

PACKAGING

Shipping case contains two display cartons each containing 12 - 4 oz. (113.4 g) plastic tubes. Each plastic tube contains 7" stick of **TALON EPOXY FOR PLASTIC**.

U.S. Measure:

Stock Code	Size
Plastic Tube	
EPP4	4 oz. (113.4 g)

SHIPPING WEIGHT PER CASE

Stock Code	Case Weight	#/Case
EPP4	11 lbs. (5.0 kg)	24

DIRECTIONS FOR USE

1. Lightly sand or scuff the surface with sand cloth or other abrasive material.

2. Clean the surface of any foreign material to ensure a good bond.

3. Tear or cut off required amount needed with gloved hands.

4. With gloved hands, knead thoroughly so complete mixing is achieved. Material should be a uniform color. For best results use **TALON EPOXY FOR PLASTIC** to room temperature or slightly above.

5. Apply to clean surface to be repaired within 10 minutes of mixing, and work into position. For best adhesion, force into any cracks or holes. Extend patch at least 1 inch beyond area of repair.

6. Remove excess material, preferably with a tool moistened with clean water prior to hardening begins.

7. When applying to a damp, wet or slowly leaking area, work the mixed epoxy putty forcefully into the surface and apply pressure until adhesion begins to take effect.

8. Wash hands after using.

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This product is manufactured in the U.S.A.

WHITLAM
P.O. Box 380
Wadsworth, Ohio 44282
Phone: 330-334-2524
Fax: 330-334-3005
Email: info@jcwhitlam.com
Website: www.joinpipe.com